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10/579,931	05/19/2006	Johannes Maria Pleunis	NL 031365	3700
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EXAMINER				
BASIT, ABDUL				
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3694				
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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/579,931

Applicant(s)

PLEUNIS, JOHANNES MARIA

Examiner

ABDUL BASIT

Art Unit

3694

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 20 April 2010.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-13 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-13 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/CD)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

This office action is in response to Applicant's remarks received on 4/20/2010. The claim objections and 35 U.S.C. 101 rejection are withdrawn. Furthermore, based on the Applicant's remarks the 35 U.S.C. 103 rejection is also withdrawn and a new non-final rejection is given forthwith.

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-3, 5-8 and 11-13 are rejected under 35 U.S.C. 102(b) as being anticipated by Clark (US Pat. No. 5,175,720)

Regarding claim 1:

Clark teaches an electronic system for providing visible user physical feedback via at least one data token characterized in that the system includes:

- (a) computing means (*see at least Col. 4, lines 5-15 teaching computer system*)
- (b) a data store coupled to said computing means for at least one of inputting data and outputting data content from the store; (*see at least Col. 2 lines 55-65 and col. 4 lines 5-15*) and
- (c) token interfacing means coupled to said computing means for

interfacing to said at least one data token detachable from the system said at least one token for representing data content in the store, *(see col. 2, lines 50-65 teach a disk that is the token that includes data content)*

the system being arranged to perform operations including at least one of delete, read, write, and rearrange data content associated with said at least one token to read from said at least one token using the token interfacing means details of said data content to identify said data content and/or to record on said at least one token using the token interfacing means one or more details of said operations so that said one or more details from said at least one token when user-inspected, *(see at see col. 2, lines 50-65 and col. 4, col. 3 lines 1-15 and col. 4, lines 5-20 teach recording and rearranging data such as permanent and temporary recordings)*

thereby enabling said at least one token to be a representation in tangible form of corresponding data content stored in the data store. *(see at least Col. 2 lines 60-65 and abstract teaching a tangible product – disk)*

Further, Clark teaches optical technology. *(see at least col. 1 lines 10-20 teaching optical technology)*

Regarding claim 2:

Clark teaches a system according to Claim 1, wherein the token interfacing means is subdivided into spatial sub-regions, each sub-region being associated with a specific type of corresponding operation on the data content represented by said at least one token when presented in spatial proximity of said sub-region. *(see at least col. 2 lines 60-65 and col. 3 lines 1-15 teach different sub-regions)*

Regarding claim 3:

Clark further teaches a system according to Claim 1, wherein the token interfacing means is arranged to be capable of handling a pack comprising a plurality of said at least one token and performing said operation on at least one token in the pack. *(see at least see at least col. 2 lines 60-65 and col. 3 lines 1-15 teach a disk that can be used)*

Regarding claim 5:

Clark teaches a system according to Claim 1, wherein said at least one token is provided with:

- (a) a first region susceptible to being user-marked with user optically-readable information; *(see at least see at least col. 2 lines 60-65 and col. 3 lines 1-15 teaches user areas)* and
- (b) a second region susceptible to presenting information optically, said second region being arranged to be written to from the system for providing a user optically-readable indication of data content associated with said token. *(see at least see at least col. 2 lines 60-65 and col. 3 lines 1-15 teaches system areas)*

Regarding claim 6:

Clark teaches a system according to Claim 1, wherein the system is arranged to interrogate said at least one token when spatially presented to the system for indicating to the system user-preferred data content to be t to said operation. *(see at least see at least col. 2 lines 60-65 and col. 3 lines 1-15 teaches system areas)*

Regarding claim 7:

Clark teaches a system according to Claim 6, wherein said at least one token is arranged to be interrogated from the system by at least one of: radio interrogation, optical interrogation, contact electrical interrogation, and magnetically-coupled electrical interrogation. (*see at least col. 1 lines 1-15*)

Regarding claim 8:

Clark teaches a system according to Claim 6, wherein said at least one token is provided with a unique identification code for use in enabling the system to identify said at least one token and thereby data content associated with said at least one token. (*see at least Col. 5, lines 7-15*)

Regarding claim 11:

Clark teaches a plastic substrate (*see at least col. 3 lines 35-45*)

Regarding claim 12: See claim 1

Regarding claim 13: See Claim 1

3. Alternatively, the above claims can be also rejected under 35 U.S.C. 102(e) as being anticipated by Selinfreund (US Pat. No. 2005/0050343). Selinfreund teaches an optical disk that is optically interrogated (see paragraph 3) and is a token that can be entered into a computing device (see Fig. 1 - part 1 is a data processing apparatus). Further, Selinfreund teaches sub regions on the disk that can be used for different applications (see paragraph 70) that has a unique/security code (see paragraph 75 and 76). Further, Selinfreund teaches a plastic substrate (see paragraph 61). Further, this would make claims 4 and 9 also anticipated by Selinfreund with the same citations

given below and claim 10 would be also rejected under 35 U.S.C. 103 as being obvious over Selinfreund in view of Pan for the reasoning given below.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 4 and 9 are rejected under 35 U.S.C. 103(a) as being unpatentable over Clark in view of Selinfreund

Regarding claim 4:

Selinfreund, not Clark, teaches a system according to Claim 1, wherein the computing means is arranged so as to prevent said data content from being subject to at least a subset of said operation when its corresponding token is spatially remote from the token interfacing means. (*see paragraph 10 – prevents reading data, paragraph 5 – device has to have a specific signal for reading*)

It would have obvious to one of ordinary skill in the art to try to implement security measures as to prevent data from being read if it is not being read by a specified device.

Regarding claim 9:

Selinfreund, not Clark, teaches a system according to Claim 1, wherein said at least one token is provided with at least one corresponding region which is susceptible to being electronically programmed by the system to present visual information provided from

the system, said visual information being related to data content associated with said at least one token. *(see at least Fig. 1 teaching a visual display of the related data content)*

It would have been obvious to one of ordinary skill in the art to use a disk to display data that has visual information associated with it and is visible on a display.

5. Claim 10 is rejected under 35 U.S.C. 103(a) as being unpatentable over Selinfreund in view of Clark and in further view of Pan.

Regarding claim 10:

Pan, not Clark, teaches a system according to Claim 9, wherein said at least one region is provided with electrically-writable ink for use in providing user-readable visual information of data content associated with said at least one token. *(see at least abstract)*

It would have been obvious to one of ordinary skill in the art at the time of the invention to use electrically writeable ink since this methods allows for identification of the token and the data associated with the token.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to ABDUL BASIT whose telephone number is 571-272-5506. The examiner can normally be reached on Flex.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James Trammell can be reached on 571-272-6712. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/ABDUL BASIT/
Examiner, Art Unit 3694

/Mary Cheung/
Primary Examiner, Art Unit 3694